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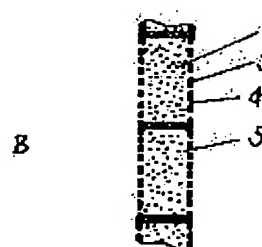
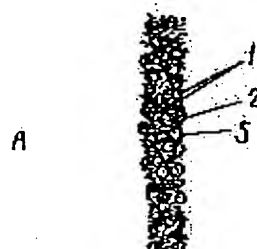
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(54) NICKEL POSITIVE ELECTRODE FOR BATTERY

(57)Abstract:

PURPOSE: To make a manufacturing process steady by forming a nickel positive electrode by impregnating a mixture mainly comprising nickel hydroxide powder having spherical shape in a dry state or a paste state into a substrate.

CONSTITUTION: Flake-shaped NaOH powder is put into nickel sulfate solution in a stirring tank, and they are stirred and aged at about 40° C to form nickel hydroxide powder 1 having a spherical or similar form and a mean particle size of 1 ~ 100 μ m. The nickel hydroxide powder 1 is mixed with nickel powder, cobalt powder, and water to form paste. The paste is sprayed and filled in a foam metal 2 or mixture of the powder 1 and graphite is filled in a metal pockets 3 having a number of fine pores 4 to form a nickel positive electrode. Since spherical nickel hydroxide powder is used, coming off of the powder or unsteady paste fluidity is eliminated, and a manufacturing process is made steady.



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